

Universitatea Națională de Știință și Tehnologie POLITEHNICA București

Facultatea: Energetică

Departamentul: Hidraulică, Mașini Hidraulice și Ingineria Mediului

Nume Prenume: Diminescu Mihaela-Amalia

Gradul didactic: Conferențiar

L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

Diminescu Mihaela-Amalia, *Contribuții la dispersia poluanților în medii acvatice saturate* – teza de doctorat, dec. 2012 - conducător științific Prof. dr. ing. Gheorghe Băran

B. Cărți și capitole în cărți publicate în ultimii 10 ani

1. Diminescu M.A., *Introducere în chimia atmosferei*, Ed. PRINTECH, București, **2022**, ISBN 978-606-23-1380-7, 87 pag.;
2. L. Vuta, G. Dumitran, M. Diminescu, *Hidrodinamica apelor subterane - îndrumar de laborator*, Editura Medialux, București, **2020**, ISBN: 978-606-9704-03-5, 150 pag.;
3. M. Marinov, L. Mândrea, A. Neagoe, Diminescu M.A., *Mecanica Fluidelor – Culegere de probleme*, Ed. Politehnica Press, București, **2016**, ISBN 978-606-515-627-2 532, 299 pag.
4. Diminescu M.A. – *Chimie* – suport electronic pentru curs, **2023** – 367 pag. - online: platforma moodle UPB, <https://curs.upb.ro/2023/>
5. Diminescu M.A. – *Metrologia poluanților* – suport electronic pentru curs, **2023** - 185 pag - <https://curs.upb.ro/2023>
6. Diminescu M.A., *Schimbări climatice* - suport electronic pentru curs, **2023** – 339 pag. - online: platforma moodle UPB, <https://curs.upb.ro/2023>
7. Diminescu M.A., *Amenajarea resurselor de apă* – suport electronic pentru curs, **2023** – 220 pag. - <https://curs.upb.ro/2023>
8. Diminescu M.A., *Poluarea râurilor și apelor subterane* – suport electronic pentru curs, **2023** – 200 pag - <https://curs.upb.ro/2023>
9. Diminescu M.A., *Impactul schimbărilor climatice asupra orașelor* – suport electronic pentru curs, **2023** – 140 pag - online: platforma moodle UPB, <https://curs.upb.ro/2023/>
10. Diminescu M.A., *Impactul schimbărilor climatice asupra mediului* – suport electronic pentru curs, **2023** – 150 pag - online: platforma moodle UPB, <https://curs.upb.ro/2023/>

C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

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http://www.scientificbulletin.upb.ro/rev_docs_arhiva/full07f_155457.pdf
2. Diminescu M.A., Marinov A. M., *Experimental researches concerning decontamination efficiency of a polluted aquifer*, Scientific and Technical Conference: Water Services and the New Energy Challenges, Danube-Black Water Forum, Bucharest, Romania, 10-12 June, Editura EstFalia, ISBN 978-606-8284-66-8, pp514-525, **2013**
http://www.amac.md/obrazovanie/EXPOAPA/2013.06.10-12_EPOAPA-2013/prezentari/Carte.pdf
3. Diminescu M.A., Marinov A. M., Vasile Scăețeanu G., *Experimental researches of contaminant transport across the capillarity fringe*, (10pag), Scientific Bulletin UPB, Seria D: Mechanical Engineering, Series D, Vol. 77, Iss. 4, ISSN 1454-2358, pag. 237-246, indexată SCOPUS **2015**
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4. Dăncilă A.M., Orbeci C., Diminescu, M.A., *Regeneration of titanium zinc sorbents with graphite addition used in H₂S-containing gas desulphurisation*, (articol in extenso), Conferința Romanian International Conference on Chemistry and Chemical Engineering, RICCE 19, Sibiu, 2-5 septembrie **2015**, indexată în bazele de date internaționale EBSCO și INDEX COPERNICUS,
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5. Cocârță D. M., Dumitran G. E., Diminescu M.A., Vuță L.I., *Removal efficiency and gas/particle partitioning of PCBs emissions from thermal treatment of PCBs contaminated*, Journal of Environmental Protection and Ecology 17, No 3, , pag. 970-977, WOS: 000385910400016), **FI=0,634(2017) 0,679(2018), 0,774(2016), 2016**
6. Diminescu M.A., A. M. Marinov, G. E. Dumitran, D. M. Cocârță, L. Vuță, *Experimental laboratory studies on capillary fringe behavior*, Environmental Engineering and Management Journal <http://omicron.ch.tuiasi.ro/EEMJ/>, March **2017**, Vol.16, No. 3, pg. 581-586, indexat ISI, **FI=1,334(2017) 1,186(2018)**; WOS:000403508600009, ISSN: 1582-9596, eISSN: 1843-3707, Quartile in Category: Q4, **2017**
7. Marinov A. M., Marinov I., Diminescu M.A., *Groundwater quality in the proximity of a polluted lake: a joint experimental-modeling study*, Environmental Engineering and Management Journal <http://omicron.ch.tuiasi.ro/EEMJ/>, May **2017**, Vol.16, No. 5, pg. 1081-1091, indexat ISI, **FI=1,334(2017) 1,186(2018)**; WOS:000409069600007, **2017**
8. Vuță, L.I., Popa, B., Dumitran, G.E., Popa, F., Diminescu, M.A., *Theoretical investigation on empowering an important hydrotechnical node within an urban area*, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 2018, 18(4.1), pp. 733-740, ISSN: 13142704, DOI: 10.5593/sgem2018/4.1/S17.095, **2018, BDI**
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 11. Popa, B, Vuta, L., Popa, F., Diminescu, M.A., Tica, E., *Influence of support scheme on electricity production from RES in Romania*, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 2018 , 18(3.1), ISBN:978-619-7408-44-7, ISSN:1314-2704, DOI: 10.5593/sgem2018/4.1/S17.055, **2018, BDI**
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 15. Ciuc, P.-O., Mădulărea, R.A., Georgescu, A.-M., Diminescu, M.A., Georgescu, S.-C., *Experimental test rig designed to analyse pumping station operation controlled by pressure at different key points*, E3S Web of Conferences Volume 85, 22 February 2019, Article number 06001, 2018 Sustainable Solutions for Energy and Environment, EENVIRO 2018; Cluj Napoca; Romania; 9-13 October 2018 ; Code 145542, DOI: 10.1051/e3sconf/20198506010, WOS:000468021200047, Proceedings Paper, **2019**
 16. Boncescu C., Diminescu M.A., Vuță L.I. , Dumitran G.E., Ștefan V., *Research regarding the nitrogen compounds distribution in a lab-scale experimental catchment / Cercetări privind distribuția compușilor azotului într-un bazin experimental*, INMATEH - Agricultural Engineering, vol. 58, no.2, pp. 267-272, WOS:000483824800030, DOI: 10.35633/INMATEH-58-29, ISSN: 2068-4215, eISSN: 2068-2239ISSN, Bucharest, Romania, **mai - aug 2019**
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E. Brevete obținute în întreaga activitate

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08.04.2024

Semnătura: